

June 2012 Update to the Five-Year Review

Midvale, Salt Lake County, Utah

Issues & Recommendations Update

Five-Year Review Date: 9/21/2009

OU	Issue	Recommendations / Follow-up Actions	Status of Follow-up Actions
1	1) Installation of additional Jordan Valley Water Conservancy District (JVWCD) wells.	The UDEQ will monitor groundwater at OU1 in order to evaluate any impacts to groundwater conditions should additional wells be installed by JVWCD.	Complete. Annual groundwater reports dated 1/5/2010, 4/18/2011, 3/12/2012.
1	2) Monitor well MW-1A has been dry for the last five years.	The UDEQ will continue to monitor conditions at MW-1A during the annual ground and surface water monitoring event. However, it is recommended that well MW-4A be monitored and sampled as an alternative.	Complete. Annual groundwater reports dated 1/5/2010, 4/18/2011, 3/12/2012.
1	3) MCL for arsenic changed to 10 µg/L, effective January 2006.	Modify groundwater performance standards as appropriate. The UDEQ and EPA are currently evaluating the MCL change in order to determine if the new MCL for arsenic should be adopted or if an ACL similar to that established for groundwater at the adjacent Midvale Slag site should be adopted.	Ongoing. Explanation of Significant Differences drafted to correct the change in the MCL.
1	4) The aquatic life criterion for arsenic is now 150 µg/L (4-day average).	With the exception of MW-7A, arsenic concentrations detected in ground and surface water since July 1997 have remained well below 150 µg/L. Annual monitoring and reporting should continue to be performed in order to evaluate arsenic concentrations in ground and surface water.	Ongoing. Explanation of Significant Differences drafted to correct the change in the MCL.

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1	5) Wetland control structures are no longer used.	This issue is currently being discussed by UDEQ and EPA. The EPA plans to replace the existing control structures with box culverts placed at a specific elevation to allow flows into and out of the wetlands.	Complete. Box culverts constructed 9/21/2009.
1	6) Potential impacts from site redevelopment.	The property owner has prepared a site modification plan for redevelopment to ensure that such activities are protective of the remedy. Midvale City administers and enforces institutional controls, which set forth requirements and procedures for maintaining the remedy through redevelopment. The site modification plan and ICs should be followed in order to maintain the protectiveness of the remedy.	Ongoing. Explanation of Significant Differences drafted to allow future site redevelopment.
1	7) Modification of the O&M manual.	The O&M manual will be modified as needed to reflect the changing roles and responsibilities of tasks when redevelopment of OU1 occurs.	Ongoing.